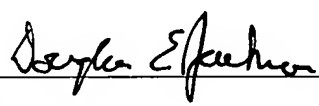


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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | ATTORNEY DOCKET NO.<br>P08599US00/BAS<br>US APPL. NO. (If known, see 37CFR 1.5)<br><b>10/528833</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP03/012398   | INTERNATIONAL FILING DATE<br>26 SEPTEMBER 2003 | PRIORITY DATE CLAIMED<br>27 SEPTEMBER 2002  |
| TITLE OF INVENTION: METHOD FOR ASSAYING REPLICATION OF HBV AND TESTING ... DRUGS   |  |   |
| APPLICANT(S) FOR DO/EO/US: DURANTEL, David et al.  |  |   |
| Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |
| <div style="display: flex; flex-direction: column;"> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 1. This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 3. This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 4. The US has been elected (Article 31).</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 5. A <b>copy</b> of the International Application as filed (35 U.S.C. 371 (c)(2))           <div style="margin-left: 20px;"> <input type="checkbox"/> a. is attached hereto (required only if not communicated by the International Bureau).<br/> <input checked="" type="checkbox"/> b. has been communicated by the International Bureau<br/> <input type="checkbox"/> c. is not required, as the application was filed in the United States Receiving Office (RO/US).         </div> </div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 6. An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <div style="margin-left: 20px;"> <input type="checkbox"/> a. is attached hereto.<br/> <input type="checkbox"/> b. has been previously submitted under 35 U.S.C. 154(d)(4).<br/> <input checked="" type="checkbox"/> c. is not needed since the International Application is in English.         </div> </div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 7. Amendments to the claims of the International Appln. under PCT Article 19 (35 USC 371 (c)(3))           <div style="margin-left: 20px;"> <input type="checkbox"/> a. are attached hereto (required only if not communicated by the International Bureau).<br/> <input type="checkbox"/> b. have been communicated by the International Bureau.<br/> <input type="checkbox"/> c. have not been made; however, the time limit for making such amendments has NOT expired.<br/> <input checked="" type="checkbox"/> d. have not been made and will not be made.         </div> </div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 8. An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 10. An English translation of the annexes to the Int'l Pre. Exam. Report under PCT Article 36 (35 USC 371(c)(5)).</div> </div> |  |   |
| <b>Items 11. to 20. below concern document(s) or information included:</b>   |  |   |
| <div style="display: flex; flex-direction: column;"> <div style="margin-bottom: 5px;"><input type="checkbox"/> 11. An <b>Information Disclosure Statement</b> under 37 C.F.R. 1.97 and 1.98.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 12. An <b>Assignment</b> document for recording. A separate cover sheet in compliance with 37 CFR 3.28 &amp; 3.31 is included.</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 13. A <b>preliminary amendment</b>.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 14. An Application Data Sheet under 37 CFR 1.76.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 15. A substitute specification.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 16. A power of attorney and/or change of address letter.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 &amp; 37 CFR 1.821-825.</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 18. A second copy of the published international application under 35 USC 154(d)(4).</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 19. A second copy of the English translation of the international application under 35 USC 154(d)(4).</div> <div style="margin-bottom: 5px;">20. <b>Other items or information:</b> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Return Receipt Postcard.<br/> <input type="checkbox"/> A copy of the Notification of Missing Requirements under 35 U.S.C. 371.<br/> <input checked="" type="checkbox"/> In the event that a petition for extension of time is required to be submitted herewith, and in the event that a separate petition does not accompany this response, applicant hereby petitions under 37 CFR 1.136(a) for an extension of time of as many months as are required to render this submission timely. Any fee is authorized in 21(c).<br/> <input type="checkbox"/> </div> </div> </div>  |  |   |
| Date: 23 March 2005  |  |   |

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|--|---------------------|--|---|---------------------------------------|---------------------|
| U.S. APPLICATION NO. <b>10/528833</b>  |                     | INTERNATIONAL APPLICATION NO.<br>PCT/EP03/012398 |   | ATTORNEY DOCKET NO.<br>P08599US00/BAS |                     |
| <b>The following fees have been submitted:</b>   |                     |  |   | <b>CALCULATIONS</b>                   | <b>PTO USE ONLY</b> |
| <input checked="" type="checkbox"/> 21. Basic national fee   |                     | \$300  |   | \$ 300                                |                     |
| <input checked="" type="checkbox"/> 22. Examination fee  |                     |  |   |                                       |                     |
| <input type="checkbox"/> IPER prepared by USPTO & all claims satisfy PCT Art. 33(1-4)  |                     | \$100  |   | \$ 200                                |                     |
| <input checked="" type="checkbox"/> All other situations   |                     | \$200  |   |                                       |                     |
| <input checked="" type="checkbox"/> 23. Search fee   |                     |  |   |                                       |                     |
| <input type="checkbox"/> Has been paid on the Int'l Appln. to the USPTO as ISA (37 CFR 1.445.a.2)  |                     | \$100  |   | \$ 400                                |                     |
| <input checked="" type="checkbox"/> International Search Report prepared and provided to the Office  |                     | \$400  |   |                                       |                     |
| <input type="checkbox"/> All other situations  |                     | \$500  |   |                                       |                     |
| <b>TOTAL OF 21, 22 AND 23</b>  |                     |  |   | \$ 900                                |                     |
| <input type="checkbox"/> SIZE FEE: sheets - 100 = ÷ 50 = [rounded up] × \$250 =  |                     |  |   | \$                                    |                     |
| <input type="checkbox"/> Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))  |                     | \$130  |   | \$                                    |                     |
| <b>CLAIMS</b>  | <b>NUMBER FILED</b> | <b>NUMBER EXTRA</b>                              | <b>RATE</b>   |                                       |                     |
| Total Claims   | 36 - 20 =           | 16   | X \$50 =  | \$ 800                                |                     |
| Independent Claims   | 03 - 03 =           |  | X \$200 =   | \$                                    |                     |
| <input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)   |                     |  | + \$360 =   | \$                                    |                     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                     |  |   | \$ 1700                               |                     |
| <input type="checkbox"/> Applicant claims small entity status - 37 CFR 1.27. Fees above reduced by ½.  |                     |  |   | \$                                    |                     |
| <b>SUBTOTAL =</b>  |                     |  |   | \$ 1700                               |                     |
| <input type="checkbox"/> Processing fee for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))  |                     |  |   | \$                                    |                     |
| <b>TOTAL NATIONAL FEE =</b>  |                     |  |   | \$ 1700                               |                     |
| <input type="checkbox"/> Fee for recording enclosed assignment (37 CFR 1.21(h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) \$40 per property   |                     |  |   | \$                                    |                     |
| <b>TOTAL FEES ENCLOSED =</b>   |                     |  |   | \$ 1700                               |                     |
| <b>Amount to be</b>  |                     |  |   | <b>Refunded</b>                       | \$                  |
|  |                     |  |   | <b>Charged</b>                        | \$                  |
| <input type="checkbox"/> a. A CHECK in the amount of \$ to cover the above fees is enclosed.<br><input checked="" type="checkbox"/> b. Payment of \$ 1700 is made by attached Credit Card Payment Form (PTO-2038)<br><input checked="" type="checkbox"/> c. The Commissioner is hereby authorized to charge any additional fees which may be required or credit overpayment to Deposit Account No. 12-0555.<br><input type="checkbox"/> d. Do not charge any claim fees now - any additional claims fees will be paid with the Missing Requirements. |                     |  |   |                                       |                     |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  |                     |  |   |                                       |                     |
| POWER OF ATTORNEY &<br>CORRESPONDENCE ADDRESS:<br><br><b>CUSTOMER NO. 00881</b><br><br>Date: 23 March 2005   |                     |  | NAME: B. Aaron Schulman<br>REG. NO.: 31877<br><br>Signed (for) by: <br>REG. NO.: 28518 |                                       |                     |